



battery charger and control box

Automatic Transfer Switch 25A (new)

Essential Load Distribution Board (new)

Earth

Essential Loads
Maximum 25 Amps

Mains Power

Meter

House Distribution Board (existing)

Non-essential Loads

- NOTES:
- Supply new 25A automatic transfer switch from 30A MCB.
 - On mains failure the essential board will be powered by the generator.
 - The existing House Distribution Board will lose mains power during a power cut.
 - Choose essential circuit for power cuts up to 25A
 - The generator should have an independent earth.
 - Protected circuits should be fitted with 30mA RCD protection.
 - This equipment is intended for installation by a competent and qualified electrician.
 - This is to be used as a guide and other items may be required to complete your installation.

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Do not scale! If in doubt ask.
A3 CAD REF HG-STD-1004 (c)

Notes:

Rev:	Date:	Description:
i1	07/08/22	FOR INFORMATION

CLIENT	-
DRAWING	Typical Domestic Generator & Mains Power Connectivity
DATE	07/08/22
SCALE	N.T.S.@ A3
DRAWN	C.Mills

PROJECT	-
DRAWING NUMBER	HG-STD-1004
REVISION	i1